

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

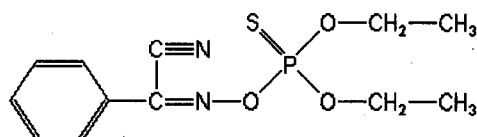
### Analyte: Phoxim

CAS No.: 14816-18-3

Formula: C<sub>12</sub>H<sub>15</sub>N<sub>2</sub>O<sub>3</sub>PS

Molecular mass (lowest isotopes): 298,05 amu

Structure:



Ionisation: ESI +

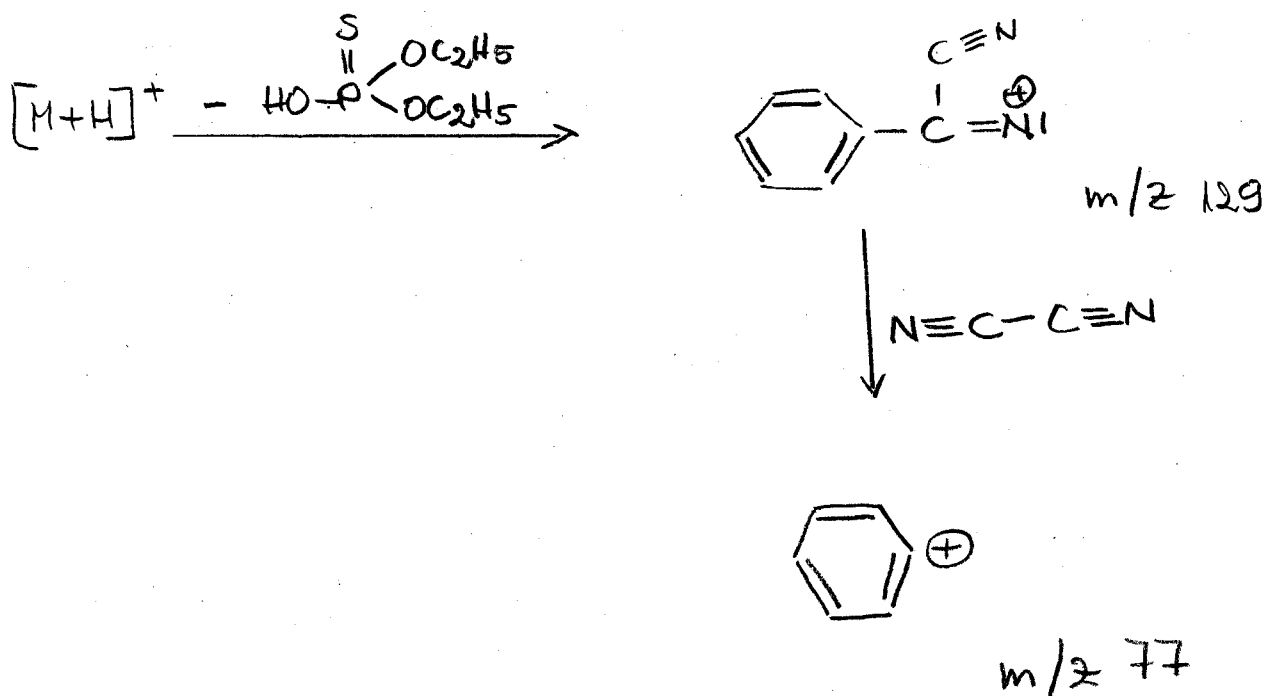
Quasimolecular ion: 299,0 amu = [M+H]<sup>+</sup>

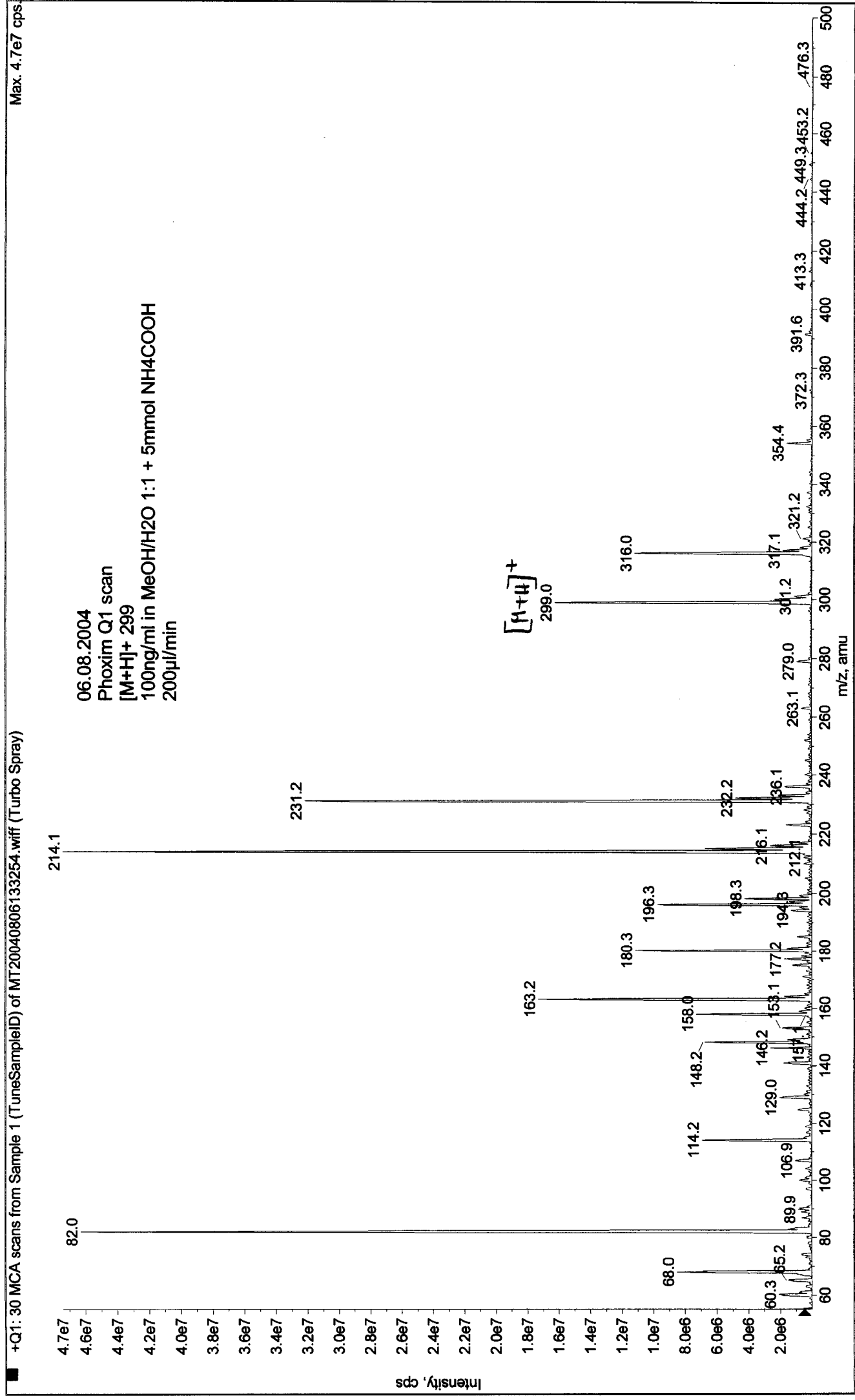
Analyte sensitive parameter set (API 2000)

Transition	299,0 → 129,1	299,0 → 77,1
Declustering potential (DP)*)	26 V	26 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,0 V	9,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	17 V	41 V
Collision cell exit potential (CXP)	6 V	12 V

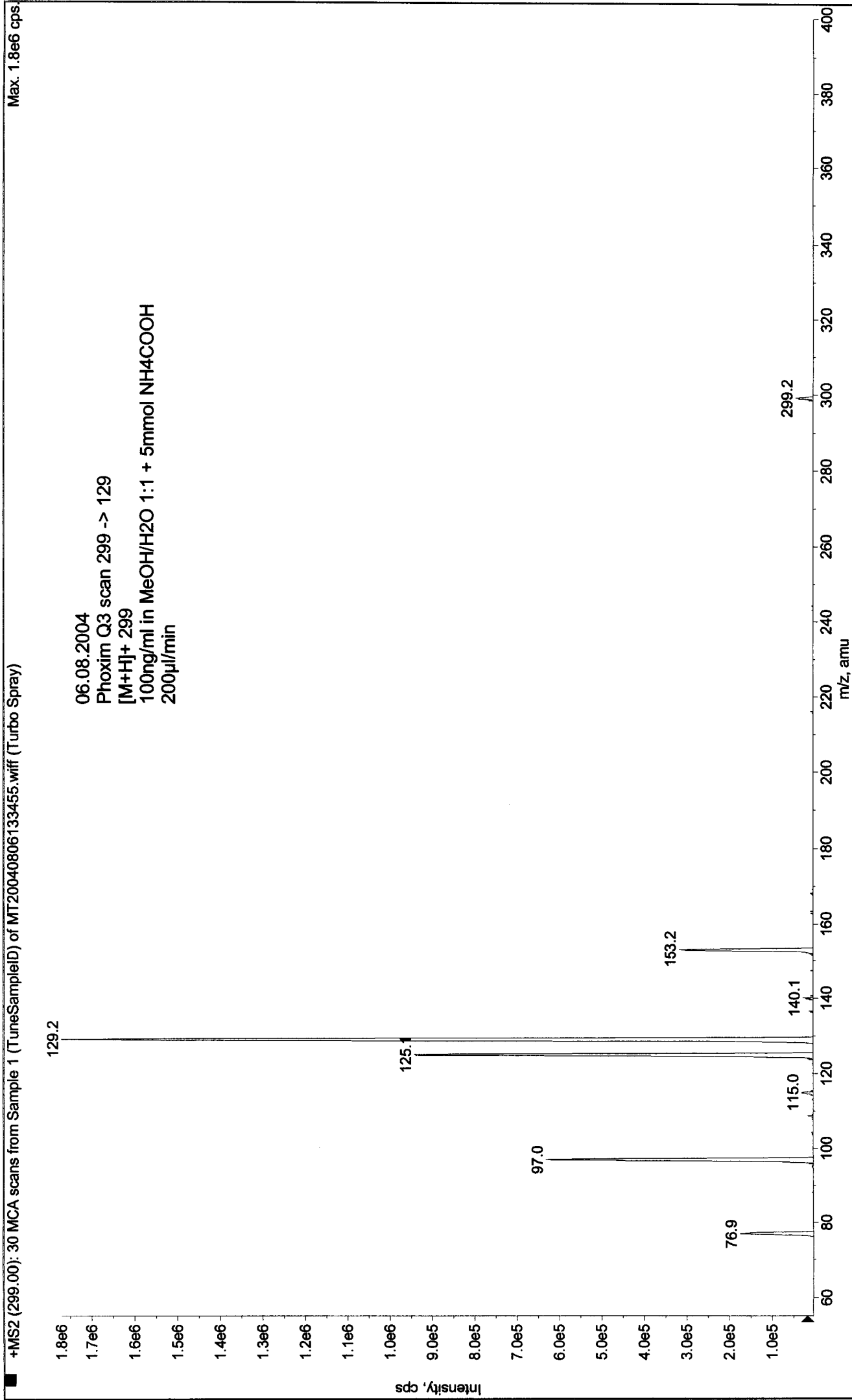
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation





Max. 1.8e6 cps.



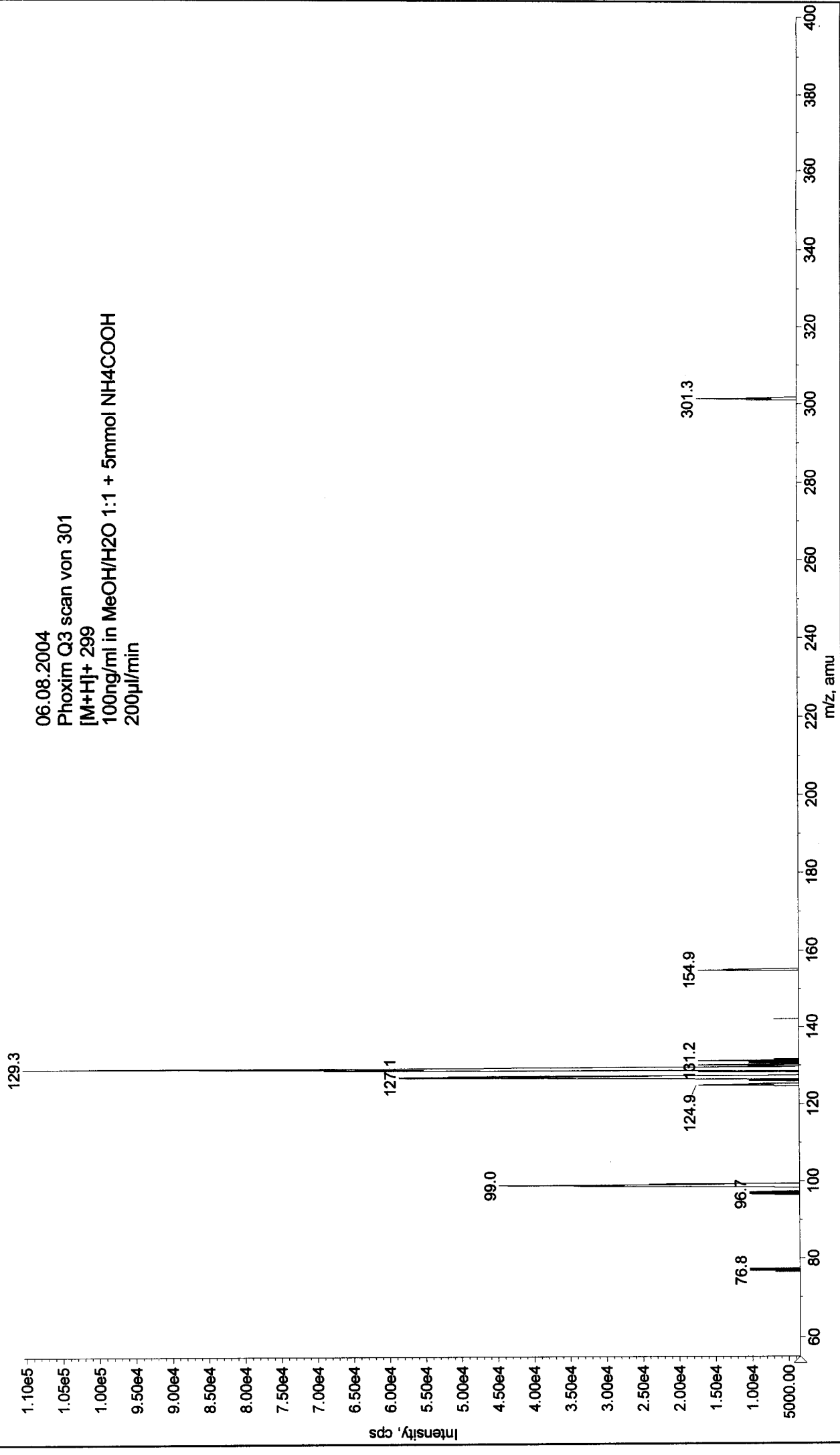
Printing Time: 13:37:15  
Printing Date: Friday, August 06, 2004

Acq Time: 13:36  
Acq Date: Friday, August 06, 2004  
Acq File: MT20040806133621.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 1.1e5 cps

+MS2 (301.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040806133621.wiff (Turbo Spray)



Printing Time: 13:43:50  
Printing Date: Friday, August 06, 2004

Acq Time: 13:42  
Acq Date: Friday, August 06, 2004  
Acq. File: MT20040806134247.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

Max. 2.1e6 cps

■ +MS2 (299.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040806134247.wiff (Turbo Spray)

